RUHAT BANGALORE MAHANAGARA PALIK

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISOIN

Improvements to Roads and drain at Rachenahalli, Srirampura and Nagawara Colony in Ward No.08 Byatarayanapura Sub Division

Est Cost : 86.00 Lakhs

P Code : P-3726

ಅಂದಾಜು ಪಟ್ಟಿಯ ವರದಿ

ವಿಷಯ: ವಾರ್ಡ್ ನಂ. 08(ಜಕ್ಕೂರು) ವ್ಯಾಪ್ತಿಯ Improvements to Roads and drain at Rachenahalli, Srirampura and Nagawara Colony in Ward No.08 Byatarayanapura Sub Division ಕಾಮಗಾರಿಗೆ ಅನುಮೋದನೆ ನೀಡುವ ಕುರಿತು.

ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ವಾರ್ಡ್ ನಂ. 08(ಜಕ್ಕೂರು) ವ್ಯಾಪ್ತಿಯ Improvements to Roads and drain at Rachenahalli, Srirampura and Nagawara Colony in Ward No.08 Byatarayanapura Sub Division ಕಾಮಗಾರಿಗೆ ರೂ. 86.00 ಲಕ್ಷಗಳ ಅಂದಾಜು ಮೊತ್ತದಲ್ಲಿ 2022-23 ನೇ ಸಾಲಿನ ಆಯವ್ಯಯದ ಲೆಕ್ಕಶಿರ್ಷಿಕೆ ಪಿ-3726ರ ಕಾಮಗಾರಿ ಕ್ರಿಯ ಯೋಜನಾ ಪಟ್ಟಿಯಲ್ಲಿ ಕಾಮಗಾರಿಯನ್ನು ನಿರ್ವಹಿಸಲು ಅವಕಾಶ ಕಲ್ಪಿಸಲಾಗಿದ್ದು, ದಿನಾಂಕ: 06.08.2022 ರಂದು ನಡೆದ ವಾರ್ಡ್ ಮಟ್ಟದ ಸಾರ್ವಜನಿಕ ಲೋಕೋಪಯೋಗಿ, ನಗರ ಯೋಜನೆ ಮೂಲ ಸೌಕರ್ಯ ಸ್ಥಾಯಿ ಸಮಿತಿ ಸಭೆಯ ನಡವಳಿ ವಿಷಯದ ಸಂಖ್ಯೆ. 178/2022-2 ರಲ್ಲಿ ಮಾನ್ಯ ಆಡಳಿತಗಾರರು ಅನುಮೋದಿಸಿರುತ್ತಾರೆ.

ಅದರಂತೆ ವಾರ್ಡ್ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಬರುವ ಸಂಪಿಗೇಹಳ್ಳಿ ಮತ್ತು ರಾಯಲ್ ಎನ್‌ಕ್ಲೇವ್ ಬಡಾವಣೆಯಲ್ಲಿ ಚರಂಡಿ ಮತ್ತು ಅಡಿಗಾಲುವೆಗಳನ್ನು ನಿರ್ಮಾಣ ಮಾಡುವ ಕಾಮಗಾರಿಯನ್ನು ಕೈಗೊಳ್ಳಲು ಸ್ಥಳ ಪರಿಶೀಲನೆ ಮಾಡಿ, ಅಗತ್ಯ ಅಂಶಗಳನ್ನು ಅಳವಡಿಸಿಕೊಂಡು ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ಈ ಕೆಳಕಂಡ ಐಟಂಗಳನ್ನು ಅಳವಡಿಸಿ ತಯಾರಿಸಲಾಗಿರುತ್ತದೆ.

1. ಹೊಸದಾಗಿ ಆರ್.ಸಿ.ಸಿ ಚರಂಡಿ ನಿರ್ಮಾಣ ಮಾಡುವುದು.
2. ಪ್ರೀಕ್ಯಾಸ್ಟ್ ಕವರಿಂಗ್ ಸ್ಲಾಭ್ ಅಳವಡಿಸುವುದು.
3. ಕಲ್ವರ್ಟ್‌ಗಳ ನಿರ್ಮಾಣ ಮಾಡುವುದು.
4. ಚರಂಡಿಯ ಹೂಳನ್ನು ಹೊರಸಾಗಿಸುವುದು ಹಾಗೂ ಇತರೆ ಅವಶ್ಯಕ ಅಂಶಗಳಿಗೆ ಅಂದಾಜಿನಲ್ಲಿ ಅವಕಾಶ ಕಲ್ಪಿಸಿಕೊಂಡಿರುತ್ತದೆ.

ಮೇಲ್ಕಂಡ ಅಂಶಗಳನ್ನು ಅಳವಡಿಸಿ ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು PWD SR- 2021-22 ದರಪಟ್ಟಿ ದರಗಳನ್ನು ಅಳವಡಿಸಿ ತಯಾರಿಸಲಾಗಿರುತ್ತದೆ. ಸದರಿ ಅಂದಾಜು ಪಟ್ಟಿಗೆ 2022-23ನೇ ಸಾಲಿನ ಅನುದಾನದ ಲೆಕ್ಕ ಶಿರ್ಷಿಕೆ ಪಿ-3726ರ ಅಡಿಯಲ್ಲಿ ಅನುಮೋದಿಸಿ, ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ, ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿ ಕಾಮಗಾರಿಯನ್ನು ತುರ್ತಾಗಿ ಕೈಗೊಳ್ಳಬೇಕಾಗಿರುವುದರಿಂದ ಟೆಂಡರ್ ಕರೆದು ಗುತ್ತಿಗೆದಾರರನ್ನು ನೇಮಿಸಿ ಕಾರ್ಯದೇಶ ನೀಡಲು ನೀಡಲು ಈ ಮೂಲಕ ತಮ್ಮಲಿ ಕೋರಲಾಗಿದೆ.

ಸಹಾಯಕ ಅಭಿಯಂತರರು

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements to roads and drains at Rachenahalli, Srirampura, and Nagawara Colony in Ward No.08 Byatarayanapura Sub Division

								Estimation Cost.Rs	8600000.00
Sl No	Description of work	Unit	Mesurement				Qty	Rate	Amount
			No.	L	B	D			
1	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. (PWD SR 2021-22 Vol -I Pg No 5 item no 1.4.1)								
	For Drain								
	Nagawara								
	Cross Road	Cum	1	250.00	1.10	0.90	247.50		
	Fathima Layout								
	Cross Road-1	Cum	2	176.40	1.10	0.90	349.27		
	Cross Road-2	Cum	2	150.00	1.10	0.90	297.00		
	For Culvert								
	Cross Road	Cum	6	6.00	1.40	0.95	47.88		
	Basic rate	186.00							
	Area weightage 10%	18.60							
	Sub Total	204.60							
	Total						941.65	204.60	192662.00
2	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (PWD SR 2021-22 Vol -I Pg 15 item no 2.1.3)								
	For Drain								
	Nagawara								
	Cross Road	Cum	1	250.00	1.10	0.15	41.25		
	Fathima Layout								
	Cross Road-1	Cum	2	176.40	1.10	0.15	58.21		
	Cross Road-2	Cum	2	150.00	1.10	0.15	49.50		
	For Culvert								
	Cross Road	Cum	6	6.00	1.40	0.15	7.56		
	Basic rate	5554.00							
	Area weightage 10%	555.40							
	Sub Total	6109.40							
	Total						156.52	6109.40	956256.00
3	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork								
	For Drain								
	Bottom Raft								
	Nagawara								
	Cross Road	Cum	1	250.00	0.90	0.15	33.75		
	Fathima Layout								
	Cross Road-1	Cum	2	176.40	0.90	0.15	47.63		
	Cross Road-2	Cum	2	150.00	0.90	0.15	40.50		
	Side Wall								
	Nagawara								
	Cross Road	Cum	2	250.00	0.15	0.60	45.00		
	Fathima Layout								
	Cross Road-1	Cum	4	176.40	0.15	0.60	63.50		
	Cross Road-2	Cum	4	150.00	0.15	0.60	54.00		

Sl No	Description of work	Unit	Mesurement				Qty	Rate	Amount
			No.	L	B	D			
					Sub Total		284.38		
	Culvert								
	Bottom Raft								
	Cross Road	Cum	6	6.00	1.20	0.20	8.64		
	Side Wall								
	Cross Road	Cum	12	6.00	0.23	0.60	9.94		
					Sub Total		18.58		
	Basic rate	5968.00							
	Add 5% for Shuttering	298.40							
		6266.40							
	Area weightage 10%	626.64							
	Sub Total	6893.04							
	Total						302.96	6893.04	2088302.00
4	Supplying, Fitting and Placing TMT Fe550 bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200 (PWD SR 2021-22 Vol -III Pg 99 item no 13.1)								
	For Drain	Cum					284.38		
		kg	Steel assumed 60 Kg/Cum of Concrete				17062.92		
		tonne					17.06		
	For Culvert	Cum					18.58		
		kg	Steel assumed 90 Kg/Cum of Concrete				1671.84		
		tonne					1.67		
	Basic rate	92170.00							
	Area weightage 10%	9217.00							
	Sub Total	101387.00							
	Total						18.73	101387.00	1899462.00
5	Providing and Fixing pre cast covering Slab 100mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. (Data Rate)								
	Nagawara								
	Cross Road	Sqm	1	250.00	0.90		225.00		
	Fathima Layout								
	Cross Road-1	Sqm	2	176.40	0.90		317.52		
	Cross Road-2	Sqm	2	150.00	0.90		270.00		
	Data rate	2072.00							
	Total						812.52	2072.00	1683542.00
6	Providing and Fixing pre cast covering Slab 230mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. (Data Rate)								
	Culvert cover Slab	Sqm							
	Cross Road	Sqm	6	6.00	1.20		43.20		
	Data rate	5037.00							
	Total						43.20	5037.00	217599.00
7	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) (PWD SR 2021-22 Vol-III Page No.3, Item No.1.1A)								
	Qty Vide frm Item No-01	Cum					941.65		
	Basic rate	118.00							
	Area Weightage 10%	11.80							
	Total	129.80							
	Total						941.65	129.80	122227.00
8	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km (PWD SR 2021-22 Vol-III Page No.3, Item No.1.4A)								
	Qty frm Item No-07	t.Km		941.65	1.28		1205.31		
	Basic rate	12.00							

Sl No	Description of work	Unit	Mesurement				Qty	Rate	Amount
			No.	L	B	D			
	8Km 12*8	96.00							
	Area Weightage 10%	9.60							
	Total	105.60							
	Total						1205.31	105.60	127282.00
								Grand Total	7287332.00
								GST Charges (18% of estimated cost)	1311720.00
								Miscellenious and rounding	948.00
								Total Amount	8600000.00
								RUPEES EIGHTY SIX LAKH ONLY	

CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum
4) The estimate is based on C.S.R of 2018-2019, PWD 2021-2022, Issue rates and Data Rates.

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Executive Engineer
BBMP

ADMINISTRATIVE APPROVAL

Accorded For Rs. Rs. 8600 Lakhs only

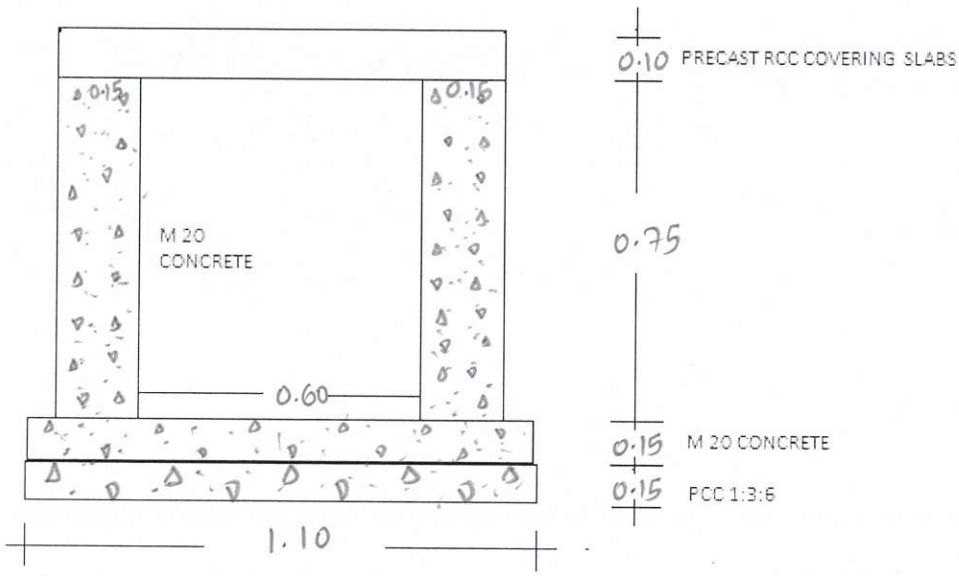
Head of A/c. PS726

Div. Ref No. 48 Date 21/02/23

AE EE(BTP)

Technical Sanction
Accorded For Rs. 86.00 Lakhs
Head of A/C. PS726
CER NO : 105 Dt: 16/02/22

Name of work : Improvements to Roads and drain at Rachenahalli, Srirampura and Nagawara colony in ward no 08 Byatarayanapura Sub Division

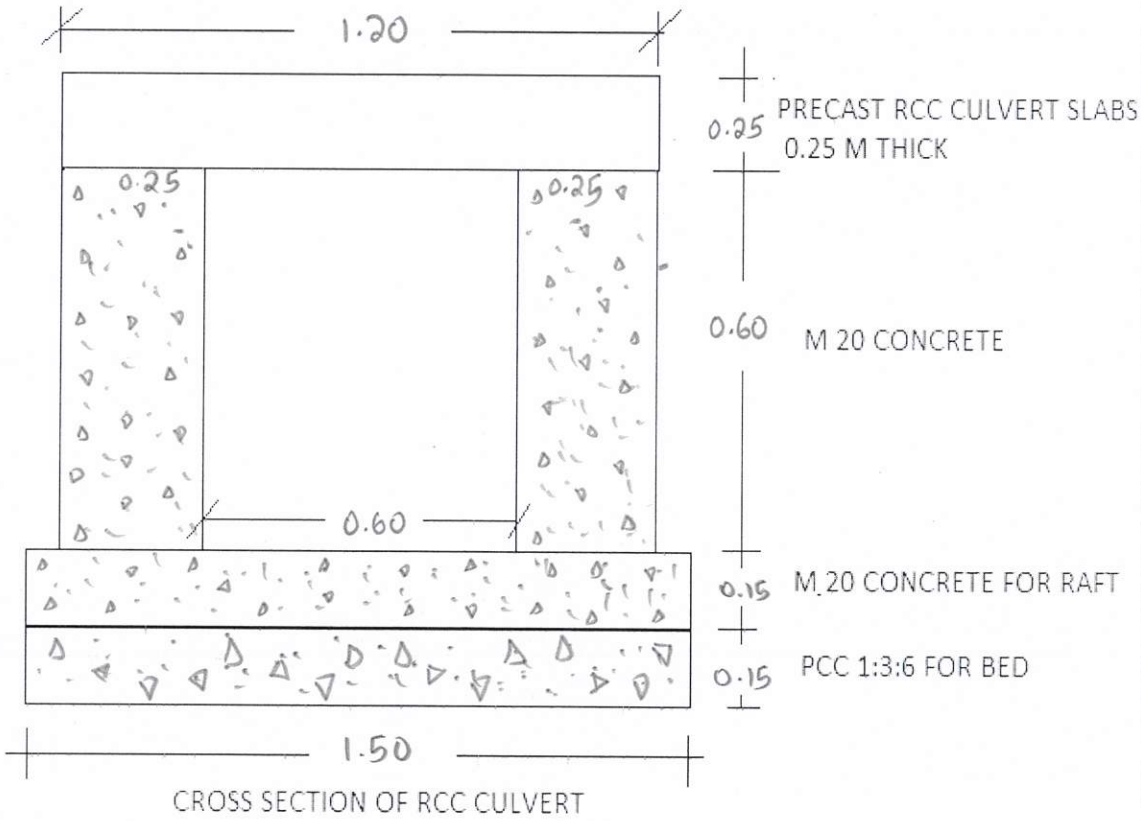


CROSS SECTION OF RCC DRAIN

Assistant Engineer
Ward no 08

Assistant Executive Engineer
Byataraynpura sub division

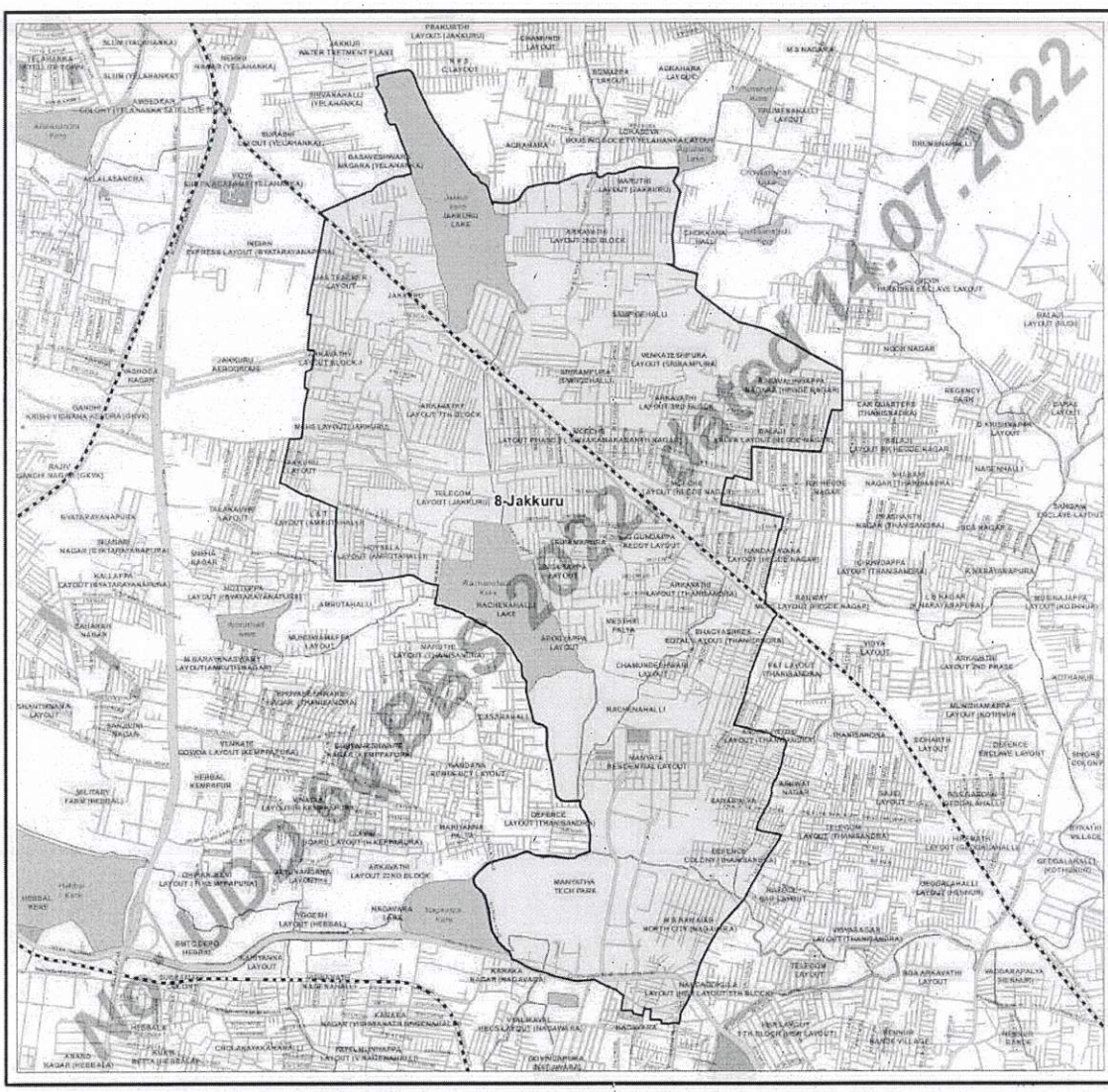
Name of Work : Improvements to Roads and drain at Rachenahalli, Srirampura and Nagawara colony in ward no 08 Byatarayanapura Sub Division



CROSS SECTION OF RCC CULVERT

Assistant Engineer
Ward no 08

Assistant Executive Engineer
Byataraynpura sub division



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W E
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Delimitation of Wards in BBMP - 2022

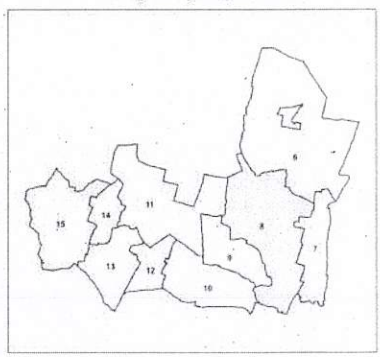
Delimited Ward Name

8-Jakkuru

Legend

- Delimited Ward Boundary
- Delimited Ward Area
- Road
- Railwayline
- Park
- Tank/ Pond/ Storm Water Drain

152-Byatarayanapura AC



Government of Karnataka Notification
No: UDD 66 BBS 2022, Bengaluru, dated 14-07-2022

Urban Development Department
Government of Karnataka

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26